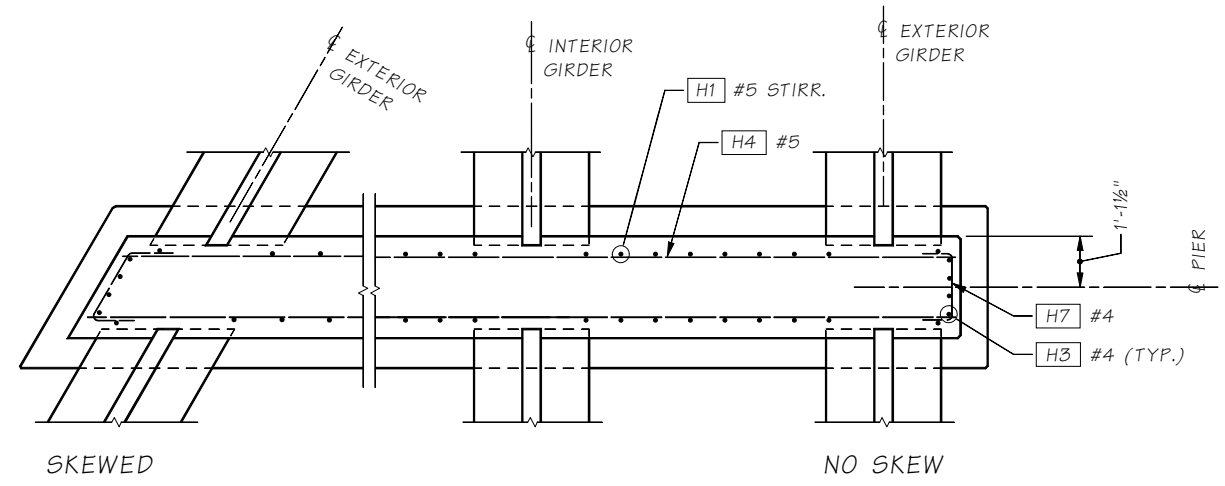
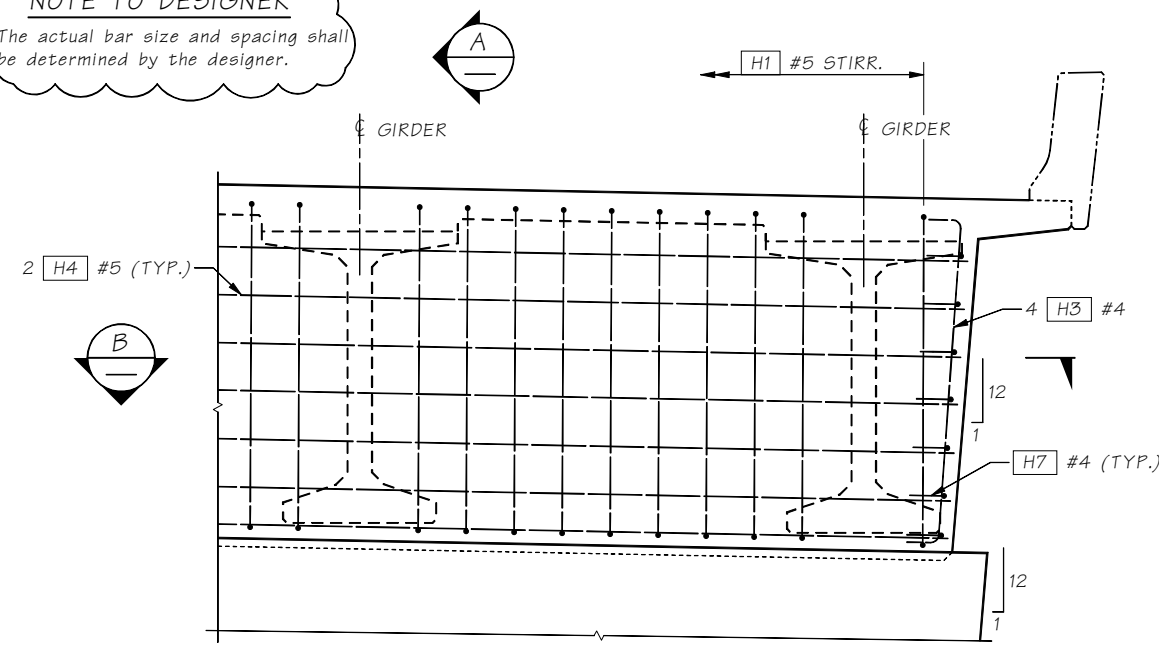


Last revised on : 04/22/2010

5.6-A7-6
SR JOB NO. SHEET NO. OF SHEETS



NOTE TO DESIGNER
The actual bar size and spacing shall be determined by the designer.



- NOTES:**
- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
 - CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
 - EXTENDED STRANDS AND GIRDER REINFORCING NOT SHOWN FOR CLARITY.
 - LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
 - FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

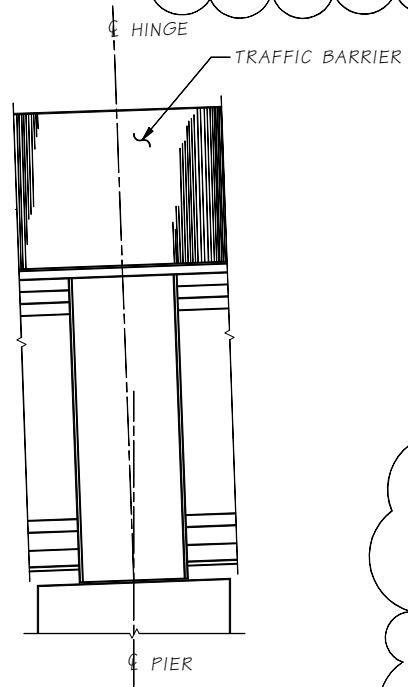
NOTE TO DETAILER:
Revise Details to show correct girder height.

ELEVATION AT TOP OF OAK BLOCK

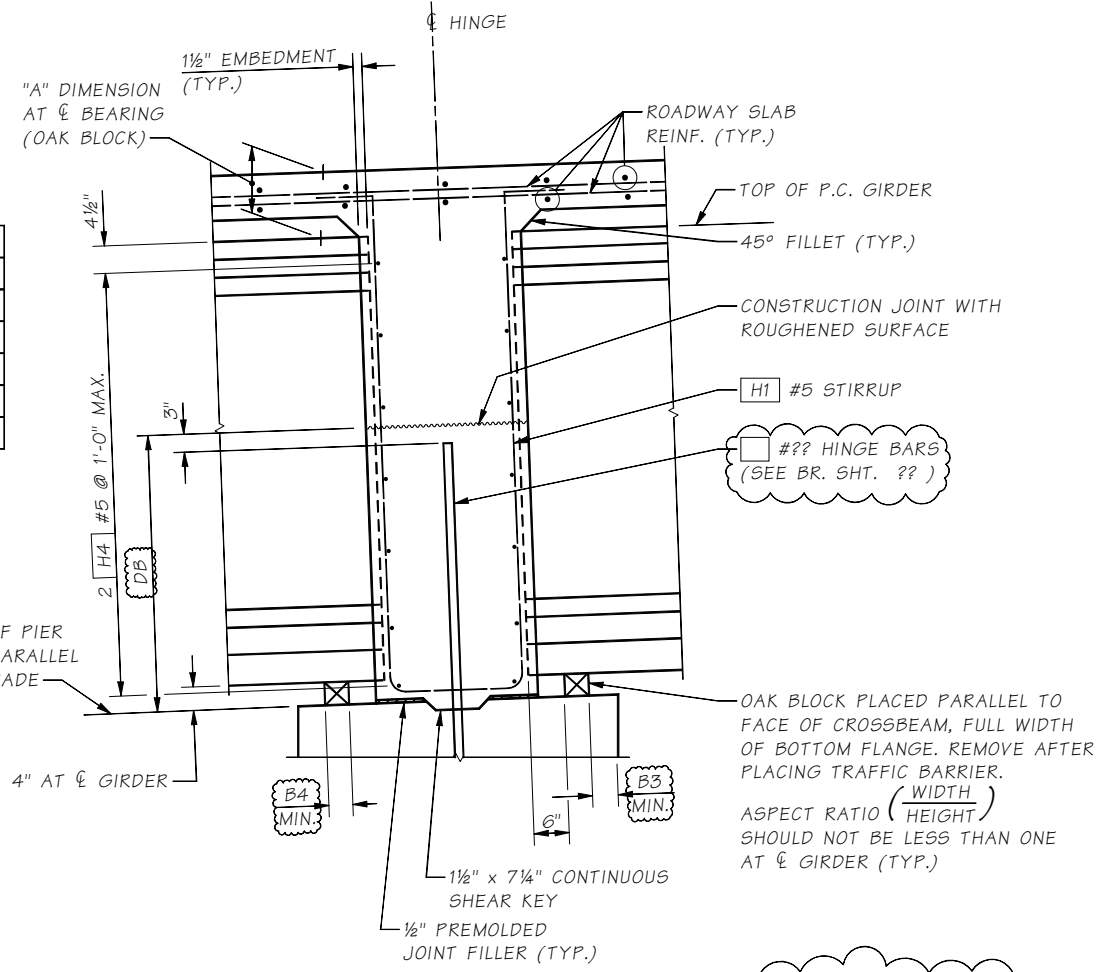
GIRDER	PIER ?	
	BACK STATION	AHEAD STATION

NOTE TO DESIGNER
Replace DB with appropriate value.

GIRDER	DB	TYPICAL HINGE BAR SIZE
WF36G	2'-2"	#9
WF42G	2'-6"	#9
WF50G	2'-10"	#9
WF58G	3'-2"	#9
WF66G	3'-6"	#10
WF74G	3'-10"	#10
WF83G	3'-10"	#10
WF95G	3'-10"	#10
WF100G	3'-10"	#10

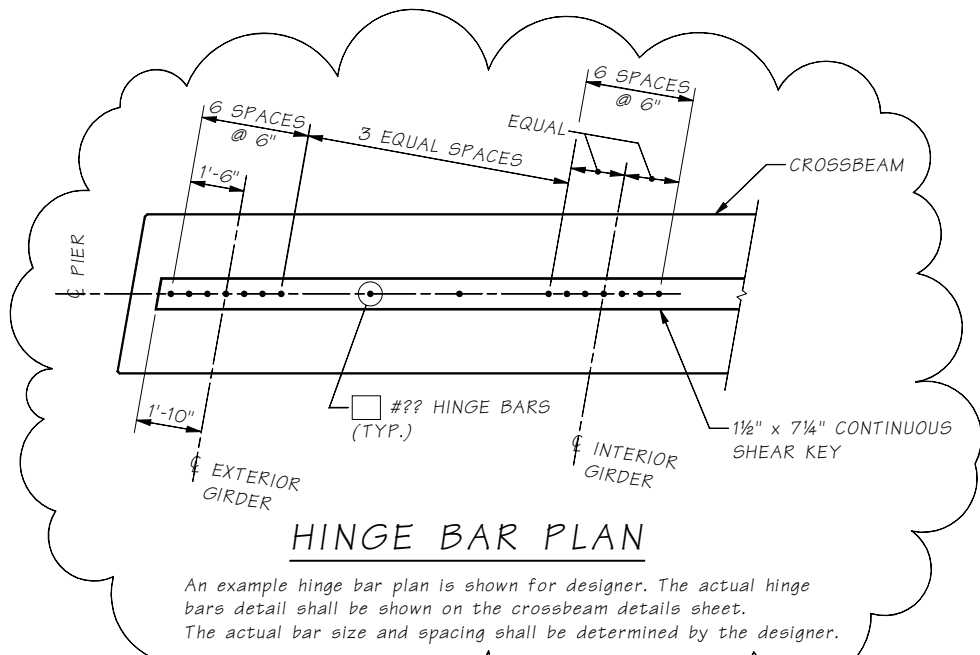


END VIEW HINGE DIAPHRAGM



NOTE TO DESIGNER
Replace B3 and B4 with appropriate values.

GIRDER	B3	B4
WF36G	3"	3"
WF42G	3"	3"
WF50G	3"	3"
WF58G	3"	3"
WF66G	4 1/2"	3 1/2"
WF74G	4 1/2"	4"
WF83G	4 1/2"	4 1/2"
WF95G	4 1/2"	5"
WF100G	5"	5 1/2"



An example hinge bar plan is shown for designer. The actual hinge bars detail shall be shown on the crossbeam details sheet. The actual bar size and spacing shall be determined by the designer.

Bridge Design Engr.	M:\STANDARDS\Girders\WF\HINGE_DIAPHRAGM_INTER_PIER_DET.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Wed Oct 27 08:58:24 2010

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS
HINGE DIAPHRAGM AT INTERMEDIATE PIER DETAILS

BRIDGE SHEET NO.
SHEET
OF
SHEETS